

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277  
: Kazuhiro ARAI, et al. : Confirmation Number: 7183  
: Application No.: 10/540,544 : Group Art Unit: 2871  
: Filed: June 23, 2005 : Examiner: Not yet assigned  
:  
For: PROJECTION TYPE VIDEO DISPLAY

## REQUEST FOR CORRECTED FILING RECEIPT

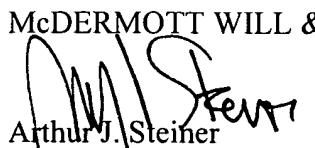
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Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the there is an **error in the number of independent claims**. Attached is a copy of the listing of the claims, which evidences that the **number of independent claims should read 1**. It is requested that a corrected filing receipt be issued.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

  
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Date: November 10, 2005

**Please recognize our Customer No. 20277  
as our correspondence address.**

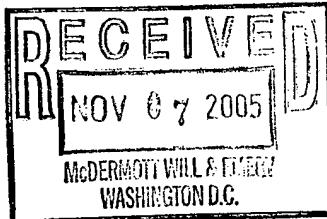


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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/540,544	06/24/2005	2871	1260	070591-0035	4	8	(3)

20277  
 McDERMOTT WILL & EMERY LLP  
 600 13TH STREET, N.W.  
 WASHINGTON, DC 20005-3096



CONFIRMATION NO. 7183  
 FILING RECEIPT



\*OC000000017359521\*

Date Mailed: 11/01/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Kazuhiro Arai, Osaka, JAPAN;  
 Yasuo Funazou, Nara, JAPAN;

**Assignment For Published Patent Application**

SANYO ELECTRIC CO., LTD., Osaka, JAPAN

**Power of Attorney:** The patent practitioners associated with Customer Number 20277.

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/JP03/16835 12/25/2003

**Foreign Applications**

JAPAN 2002-377873 12/26/2002

**Projected Publication Date:** 02/09/2006

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Projection type video display device

**Preliminary Class**

349

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**WHAT IS CLAIMED IS:**

1. A projection type video display, comprising:
  - a first solid light source that emits a light in red;
  - a second solid light source that emits a light in green;
  - a third solid light source that emits a light in blue;
  - a display panel for receiving and modulating said lights in colors from said light sources;
  - a means for projecting a full color image light formed of said modulated lights in colors;
  - a light source adjustment means for adjusting an amount of emitted light of said solid light sources by controlling power supplied thereto on the basis of video signal information; and
  - a means for controlling a driving signal to each display panel so as to correspond to an adjustment of the amount of the emitted lights in respective colors.
2. A projection type video display according to claim 1, wherein each solid light source is formed of being provided with a plurality of solid light-emitting elements, and said light source adjustment means controls an amount of emitted light of each solid light source by controlling the number of pieces of light emission out of the plurality of solid light-emitting elements.
3. A projection type video display according to claim 1, wherein each solid light source is formed of being provided with a plurality of solid light-emitting elements, and said light source adjustment means adjusts an amount of emitted light of each solid light source by controlling power supplied to each solid light-emitting element.
4. A projection type video display according to claim 1, wherein each solid light source is formed of being provided with a plurality of solid light-emitting elements, said light

source adjustment means causes each solid light-emitting element to perform a pulse light-emission and adjusts an amount of emitted light of each solid light-emitting element by controlling a duty ratio of the pulse light-emission.

5. A projection type video display according to any one of claims 1 to 4, wherein the amount of emitted light of said solid light sources for respective colors is adjusted by controlling the power supplied thereto so as to obtain the highest value of respective colors in 1-frame video in a state where a value of a gradation of the display panel is the highest.

6. A projection type video display according to any one of claims 1 to 5, wherein a light in white obtained by combining lights in respective colors from respective light sources is guided to a single-panel full color display panel as said display panel.

7. A projection type video display according to any one of claims 1 to 5, wherein a light in white obtained by combining lights in respective colors from respective light sources is separated, and each of the lights in respective colors is guided to a red color-use display panel, a green color-use display panel, and a blue color-use display panel as said display panel, respectively.

8. A projection type video display according to any one of claims 1 to 5, wherein each of the lights in respective colors is guided to the red color-use display panel, the green color-use display panel, and the blue-color use display panel as the light in respective colors.

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

070591-0035

U.S. APPLIC. NO. (if known, see 37 CFR 1.5)  
Not yet assigned

INTERNATIONAL APPLICATION NO PCT/JP03/16835	INTERNATIONAL FILING DATE December 24, 2004	PRIORITY DATE CLAIMED December 26, 2002
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**TITLE OF INVENTION**  
PROJECTION TYPE VIDEO DISPLAY

**APPLICANTS FOR DO/EO/US**

Kazuhiro ARAI, Yasuo FUNAZOU

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached herewith (required only if not transmitted by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not transmitted by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendment has NOT expired.
  - d.  have not been made and will not be made.
8.  An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  Translation of Article 34 amendments and reply
17.  Form PCT/IPEA/408, 409
18.  Front page of the published International Application
19.  Form PCT/ISA/210
20.  Other items or information.  
Form PCT/IB/338  
Form PCT/IPEA/409

U.S. APPLIC. NO. (if known, see 37 CFR 1.50) Not yet assigned		INTERNATIONAL APPLICATION NO. PCT/JP03/16835		ATTORNEY'S DOCKET NUMBER 070591-0035	
				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> The following fees are submitted:					
<input checked="" type="checkbox"/> Basic National Stage Fee \$300					
22. <input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) All other situations \$100 \$200					
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(1)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500					
TOTAL OF 21, 22 and 23 =					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)	RATE		
16-100	/50=		X\$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims		11-20 =		x \$50.00	\$
Independent Claims		8-3 =		x \$200.00	\$
Multiple dependent claim(s) (if applicable)				+ \$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded	\$
				Amount to be charged	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer Number 20277 Telephone: 202.756.8000 Facsimile: 202.756.8087					
SIGNATURE Arthur J. Steiner NAME 26,106 REGISTRATION NUMBER 					